

4

5

10

20

25



35

40



55



which may be either the meta- or para-isomer, and which usually is a mixture of the meta- and para-isomers. Although it is desirable to have all the phenolic hydroxyls end-capped with vinylbenzyl moieties, there is a cost advantage when fewer than all of the ether groups are vinylbenzyl, but usually at the expense of a somewhat lower dielectric constant. At least 50% of the E moieties should be a vinylbenzyl moiety, but better performance characteristics result when from 70 to 100% of the ether groups are vinylbenzyl, and the best prepolymer product results when 95 to 100% of such groups are vinylbenzyl. However, for many applications less than complete end-capping with vinyl benzyl